

FIG. 1

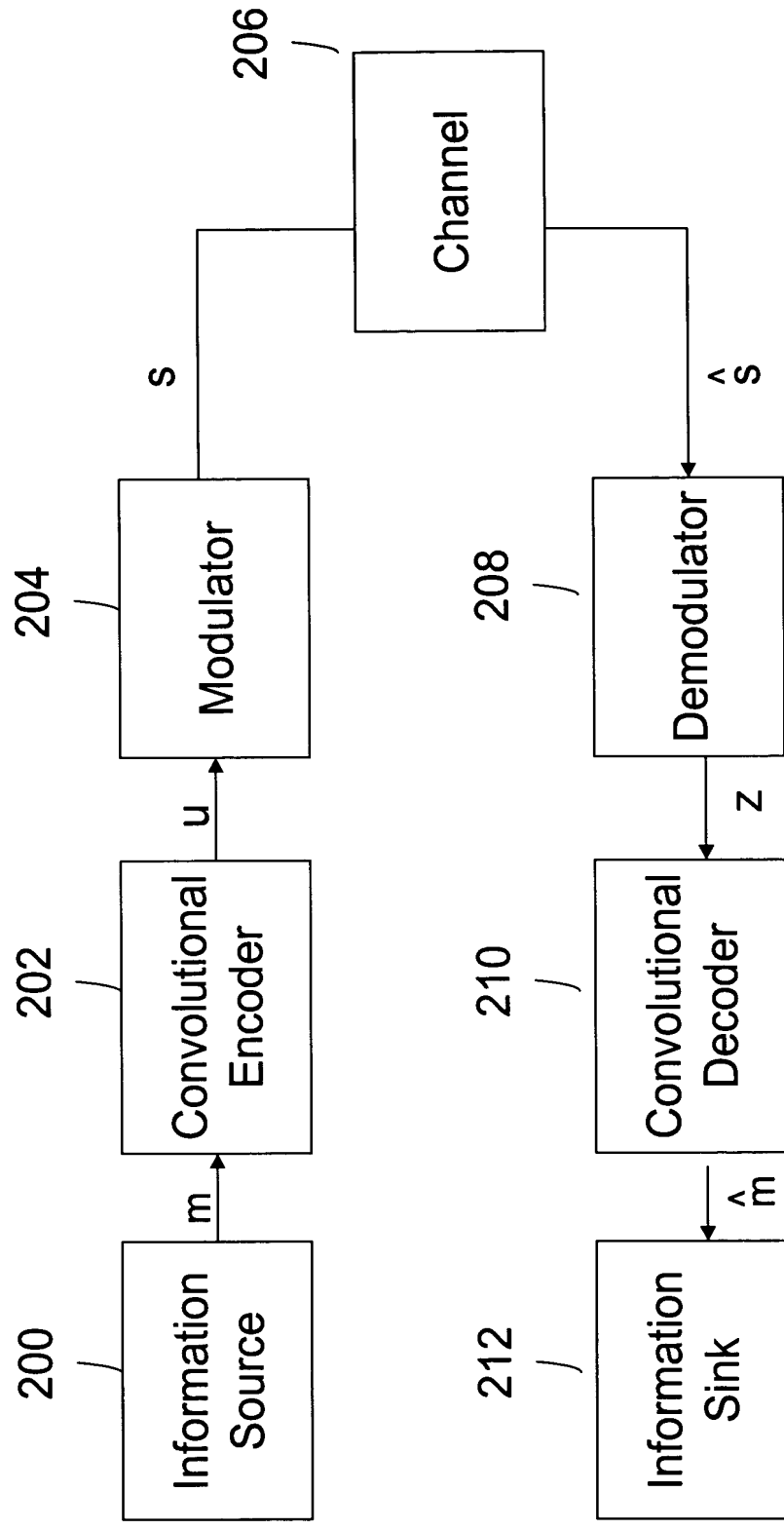


FIG. 2

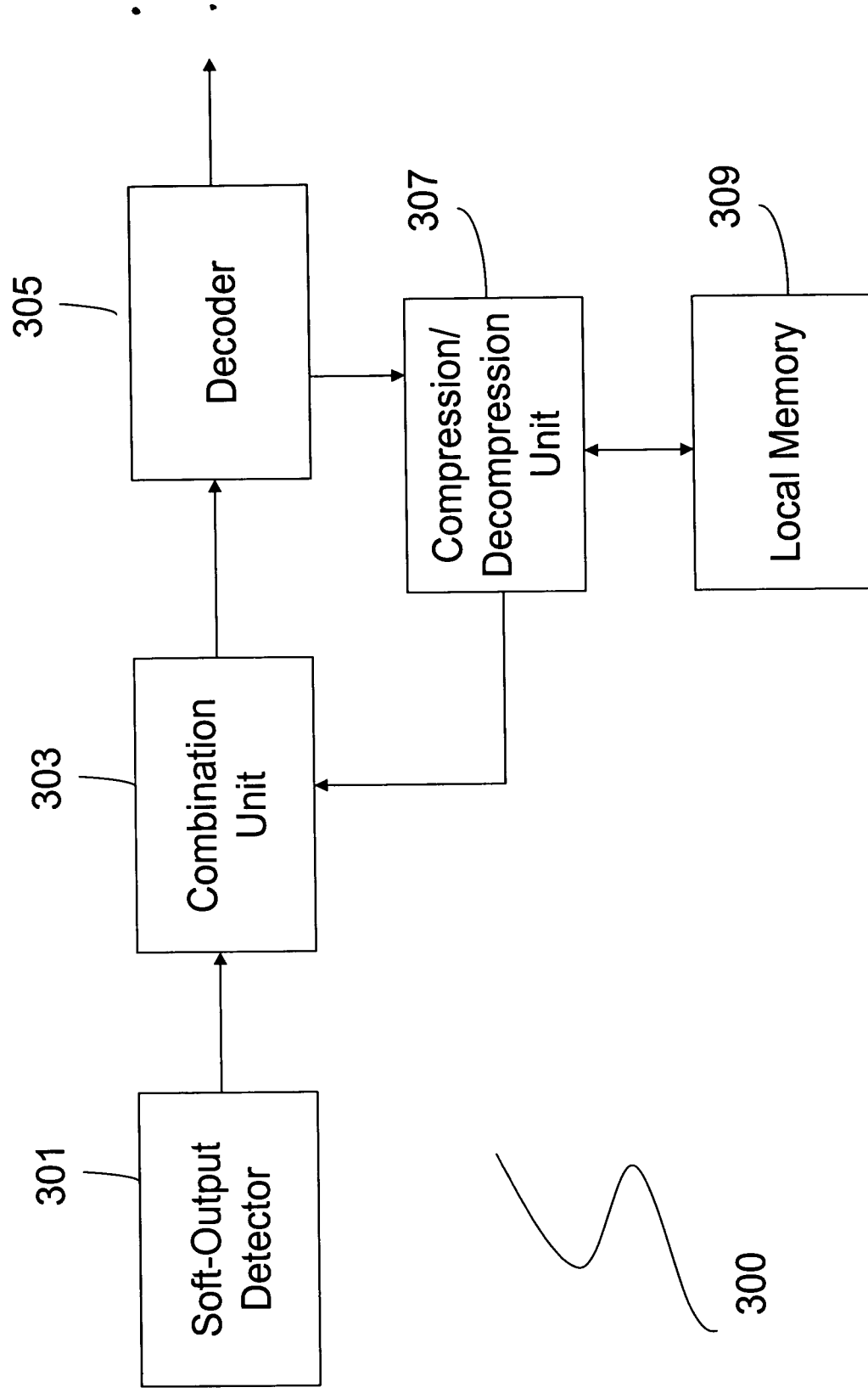


FIG. 3

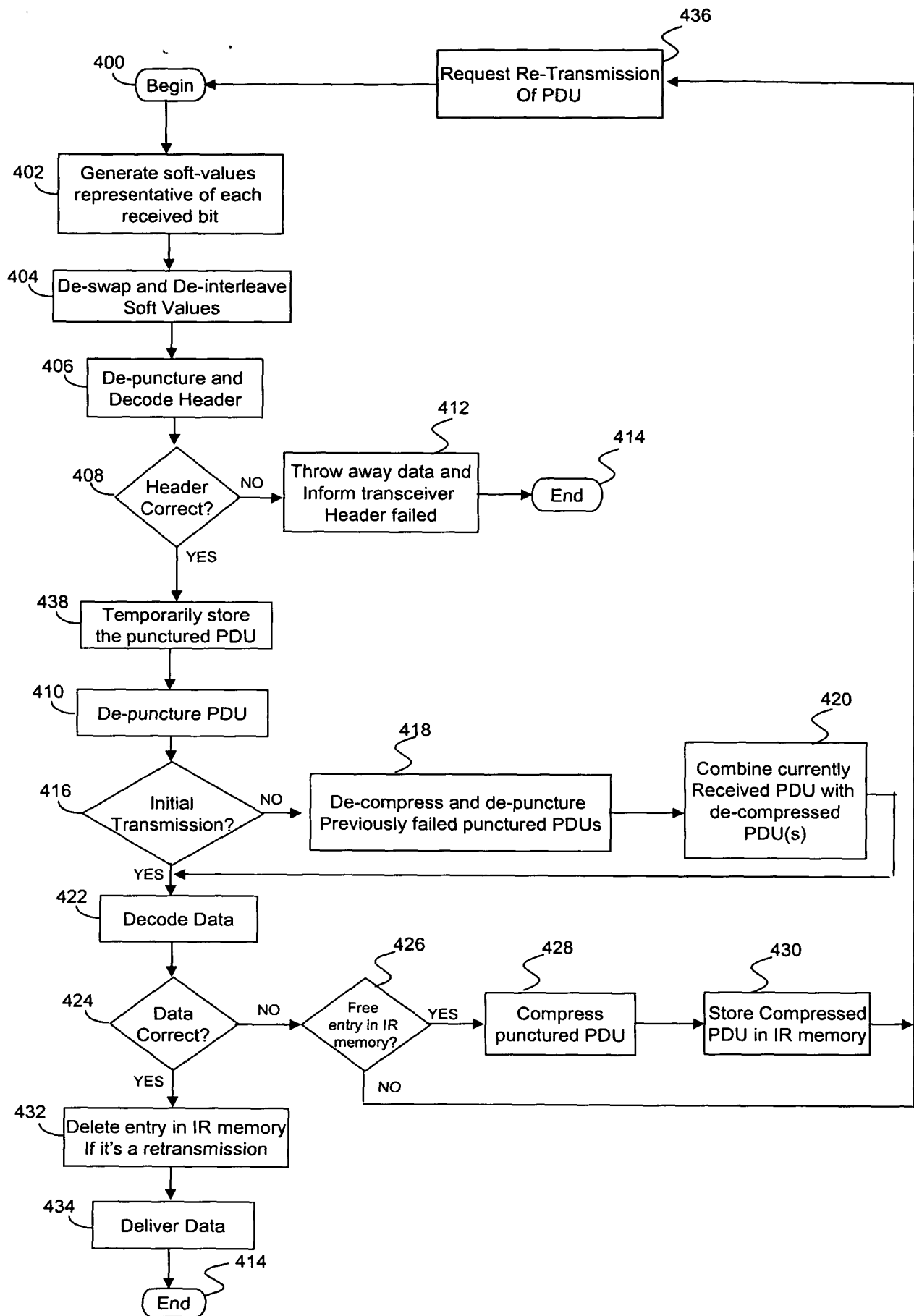


FIG. 4a

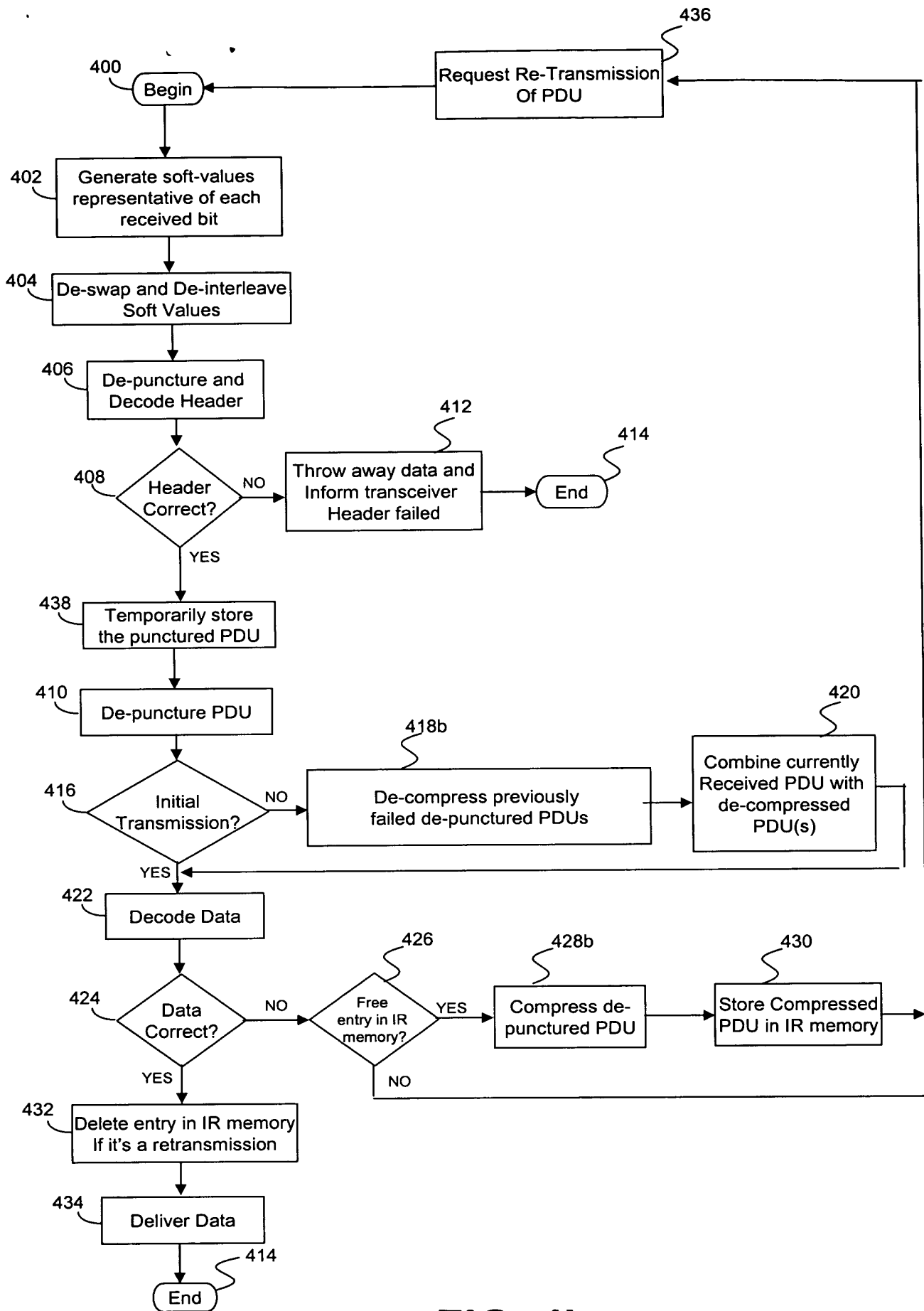


FIG. 4b

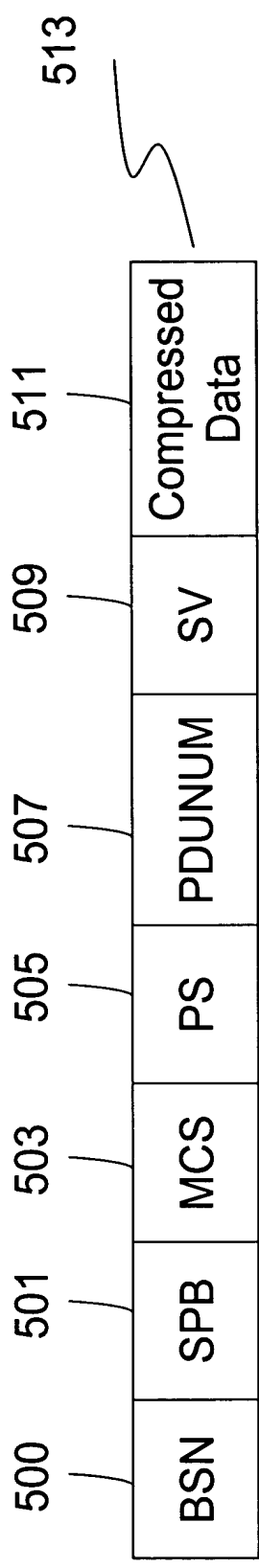


FIG. 5

BSN	SPB	MCS	PS	PDUNUM	SV	Compressed Data
88	0	9	1	1	$\bar{\alpha}$	Compressed Data 1
88	0	9	2	1	$\bar{\beta}$	Compressed Data 2
88	0	9	3	1	$\bar{\gamma}$	Compressed Data 3

FIG. 6

```
for burstNum = 1 to 4
    Sum = 0;
    for pos = 1 to BurstLength
        Sum = sum + receivedVector[burstNum, pos];
    end //pos
    ScaleVector[burstNum] = sum/BurstLength
End //burst
```

FIG. 7A

```
for pos = 1 to pduLength
    if puncturedVector[pos] < 0
        storedVector[pos] = 1;
    else
        storedVector[pos] = 0;
    end //pos
```

FIG. 7B

```

For pos = 1 to pduLength
    decompressedVector[pos] = storedVector[pos] * scaleVector[scaleIndexTable[pos]];
End //pos

```

FIG. 7C

```

For pos=1 to unpuncturedPduLength
    if (scaleIndexTableUnpunctured[pos] == 0)
        decompressedVector[pos] = 0
    else
        decompressedVector[pos] = storedVector[pos] * scaleIndexTableUnpunctured[pos]
    end
end
end

```

FIG. 7D

```

combinedVector[ ] = newDepuncturedVector[ ];
for l = 1 to numIREntries
    if (IREntry[i] -> BSN = = currentBSN and
        IREntry[i]->SPB == currentSPB)
        decompressedVector[ ] = decompress(IREntry[i]);
        depuncturedVector[ ] = depuncture(decompressedVector[ ],
            IREntry[i].MSC);
        combinedVector[ ] = combinedVector[ ] + depuncturedVector[ ];
    end //if
end //

```

FIG. 7E